

10/517727

DT05 R PCT/PTO 10 DEC 2004

Input Characteristics

	Min.	Max.	Units
Voltage	85	265	Vrms
Current	-	0.5	Amps RMS
Frequency	47	70	Hz

Output Characteristics

	Min.	Nom.	Max.	Units
Voltage (line)	11	12	14	Volts DC
Voltage (battery)	11	12	13.8	Volts DC
Current	-	-	1.2	Amps
Current Limit	N/A	N/A	N/A	Amps @ 12 Volts
Ripple Voltage	-	-	0.1	Vrms

Battery Characteristics

	Min.	Typ.	Max.	Units
Capacity	-	7.2	-	Amp-Hour
Low Volt Disconnect	10.1	10.2	10.3	Volts DC
Low Battery Warning	10.8	11.2	11.5	VDC
Run Time	TBD	-	-	Hours
Recharge Time	-	-	TBD	Hours to 90% capacity

Status Signals on Interface Cable

Signal	Description	Conn./pin #
---------------	--------------------	--------------------

On Battery	Active low when operating from battery – isolated	CN3
Battery Present	Active low when battery is installed – isolated	CN4
Low Battery	Active low when battery voltage is below 11.0 Volts, or when no battery installed, Battery Present = high – isolated	CN5

Visual Status Signals

Output Present Green LED lit when 48 Volt output is present.

On Line Green LED lit when BBU operating on AC power (OPTION ONLY).

Battery Missing Red LED lit when battery is not installed (OPTION ONLY).

Environmental

	Min.	Max.	Units
Operating Temperature	-20	+60	°C
Storage Temperature	-33	+75	°C
Humidity	-	95	% non-condensing

Mechanical

PCB Dimensions: 6.92" Lx 2.5" Wx 2.0" H

Weight: < 4 lbs.

Mounting holes provided for panel mounting

AC Input connector: Molex 26-60-4050 or equivalent

Output connector: Molex 26-60-4040 or equivalent

BEST AVAILABLE COPY

Table 1